

FOLIO

Walter Hugh Johns, 1908 - 1985

"The Last of Universalists"

Walter H. Johns, President of our University from 1959 to 1969, passed away late last Thursday evening, 6 June. He was seventy-six years of age.

Dr. Johns, a man of wisdom and great generosity of spirit, was born in Exeter, Ontario. In 1930, he gained an honors BA in Classics from the University of Western Ontario and, in 1934, a PhD in Classics and Ancient History at Cornell University. After serving on the staff of Waterloo College, Ontario, he came to this University as a Lecturer in Classics in 1938. He remained here until his retirement in 1973.

Dr. Johns began his career at the University of Alberta as a respected and well-loved teacher. Soon, however, he became attracted to the administration of our institution. In 1945, he was appointed Assistant to the Dean of Arts and Science, a position followed in 1947 as Academic Assistant to President Newton and, from 1952-57, as Dean of Arts and Science. In 1957, Dr. Johns accepted the Vice-Presidency of our University and became its sixth President in 1959.

During the decade in which Dr. Johns was President, the University of Alberta underwent enormous change. The enrolment tripled from approximately 5,000 students to over 15,000. The campus, at least its buildings, grew proportionately, and course offerings especially at the graduate level increased dramatically. Even at the outset of Dr. Johns's Presidency, at the meeting of GFC on 23 February 1959, over 110 new courses were approved. During that decade of growth the University's budget increased by a factor of six. These were also the rebellious years. Stu-

dents demanded a new sense of relevancy and purpose. They requested, and rightfully received, a much stronger voice in University governance at every level. Dr. Johns encouraged such participation and welcomed the challenge of informed student opinion. While, in many parts of the world, academic institutions were shaken to the core by what has been described as "student activism", the University of Alberta with its tradition of student involvement was spared the excesses so evident at other Canadian campuses. Dr. Johns and his colleagues guided our University through difficult but heady times. Such is clear from the titles to several of his memoranda and addresses: "On Student Activism" and "The Venerable University" are two examples.

Dr. Johns was very much a man respected in our community and not merely for his vigor as President, for his activities as Vice-President and President of the AUCC, or for his contributions to the Institute of Public Administration of Canada and the Humanities Research Council of Canada. Dr. Johns was deeply involved in Edmonton life. He was active in the United Fund Campaign, chaired the Alberta Press Council, was President of the Men's Canadian Club of Edmonton, was an adjudicator for literary prizes, but above all was a man who worked for the common good and the good of our University without need for recognition.

Dr. Johns, however, received recognition. He was awarded honorary degrees by universities across the country: Laval, Waterloo, Saskatchewan and Alberta. In 1977, Dr. Johns was named Officer of the Order of Canada and, in 1982, became the third recipient of the Alberta Order of Excellence, the first two being Senator



Ernest Manning and former Lieutenant-Governor J.W. Grant MacEwan.

This brief statement cannot do justice to the contributions to University and civic life made by one of our most eminent and selfless Presidents. Max Wyman, Dr. Johns's successor as President of the University of Alberta, described Dr. Johns well, at an address to Convocation on the eve of Dr.

Johns's return to the classroom, as "the last of universalists, the last man who knew at one time every facet of the operations of this University. The dedication this man has shown is a phenomenon we shall not see again."

Dr. Johns is survived by his wife, Helen Elizabeth, daughters Barbara Hutchins and Elinor Bentley, and four grandchildren. □

Equity and Equal Opportunity Should Be Hallmarks of University Life

Horowitz Addresses Convocation

The following article is the address made by President Horowitz at the first day of Convocation on Friday, 31 May, before the graduating class in the Faculty of Law. Madam Justice Bertha Wilson and Mr. Justice David McDonald were awarded honorary Doctor of Laws degrees on that day. Mr. Chancellor, Mr. Chairman of the Board of Governors, Honored Guests, Colleagues, Members of the Graduating Class in Law, Your Families and Friends of the University.

Not only do the Edmonton Oilers and Wayne Gretzky break records, Mr. Chancellor. With a graduating class this Spring of about 4,300—300 more than last year's previous high—we have had to schedule five convocation ceremonies.

Universities should be evaluated in relation to a variety of considerations. Each year we review 15 academic and service units. Next Wednesday the Vice-President (Academic) will be reporting to Convocation on our Strategic Planning thrusts. Our aim is to achieve and to maintain excellence in our many instructional and research programs. I believe that whether or

not we shall succeed will depend in part on the extent to which we show concern for each other.

I shall leave it to those of you who are graduating today and to my colleagues in the Faculty of Law to develop and to present thoughtful, logical and scholarly arguments as to what is required legally now that the Charter of Rights and Freedoms is effective. You will come before justices of the courts of Alberta and of Canada, and our two honorary degree recipients and their colleagues, not I, will have to make the difficult judgments as to when and how universities are affected by Article 15 of the Charter.

I suggest that it is important that we capture the spirit of the Charter and that at our University we not always settle for the minimum, but that, wherever possible, we go beyond that which is required by legislation and by the courts. We have done so in a number of areas.

To assist students with particular needs we have appointed coordinators or advisors for native students, international students, mature students and disabled students. Our Council on Student Services is reviewing the activities in these areas. The first program that was examined is the one for disabled students. Several months ago the report was completed and so I would like to highlight some of the findings and recommendations.

Back in 1980 our Office of Student Services requested and received special funding from the provincial government to enable us to provide essential services for disabled students and the next year we appointed a coordinator to direct this service. During the past year about 65 of our students have benefited from the services this University provides and from the dozens of volunteers who have assisted them in many ways. For several years we have used a portion of the renovations budget for the necessary adjustments and modifications to increase access to all of our buildings by disabled students. When we planned the new housing in East Garneau we made certain that students who use wheelchairs would be accommodated comfortably in a number of

the apartments.

I am pleased with our accomplishments, but if we are to provide leadership to the larger community and if we are to aim to integrate disabled students into the mainstream of university life, then there remains much to be done. Our disabled students tell us that many students and staff—unfortunately, not all—are sensitive to their special needs. Some of our volunteers need to be better prepared so that they can provide even greater assistance. More of our residences need to be accessible and additional renovations are necessary in some of our buildings. We shall continue to make the necessary improvements—and we shall do so with determination.

I wish I could describe even more fully the accomplishments and the needs that have yet to be achieved for students who are disabled and I wish I could outline the achievements to date and the current deficiencies that cry out for remedy in other areas. During the remaining few minutes I shall highlight a few matters that concern me.

While we do a good job in accommodating international students, there is much more that we should do in integrating into our University and the larger community the spouses and families of our students from other parts of the world.

I am pleased that we are attracting into the University individuals who have been involved in formal studies for ten, twenty or more years and it is pleasing that mature students have developed a support system of their own, but I suspect that there may still be ways for us to help these individuals in their acculturation into an environment that may seem more hostile than we think.

It grieves me that because of a limited number of vacancies in permanent academic positions we are not able to appoint as many bright, imaginative and creative young people as we must. I am pleased that our Board and our Academic Staff Association have agreed to early retirement arrangements which will increase dramatically the number of vacant positions that we shall be able to fill.

While the numbers of female students in some of our programs have increased, participation rates of women in science and engineering are still very low. In 1982 the Vice-President (Research) established a task force to study this problem and a number of our female colleagues are to be commended for giving leadership to the Task Force on Women in Scholarship, Engineering, Sciences and Technology and to the University of Alberta Women in Science and Engineering.

Only 20 percent of our permanent academic staff are women and the percentage is considerably lower than that in some of our Faculties. Even during this relatively difficult time when we are not making many permanent appointments, we must find ways to increase the number of female staff in some of our academic departments and Faculties.

Our Board has taken initiative and has encouraged the administration to determine if there are discriminatory practices—real or perceived—in relation to our non-academic staff. The initial examination was done by a consulting firm which recommended that procedural and policy changes have to be considered if we aim to have an environment in which equal opportunities are available for both men and women and in which individuals receive equal remuneration for work of equal value. We are giving high priority to the next phase of the equal opportunities program and during the next year we shall attempt to revise procedures and patterns to achieve our goal of greater equality in our work-place.

Several years ago I established a President's Committee on Sexual Harassment. It achieved much in educating us all and it has dealt with a number of difficult cases. Unfortunately, one important group at our University, the Non-Academic Staff Association, has felt less secure in that its agreement makes no reference to sexual harassment. I am pleased, therefore, that as part of this year's negotiated settlement, both the association and the administration have agreed to deal with this issue.

As a member of the academic staff

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I recognize the extent to which the non-academic staff provide support to those of us involved in learning, teaching and research. I believe, therefore, that it is important for us all that non-academic staff be involved in the governance of this institution. The Non-Academic Staff Association has requested that it name its representatives to our University Senate, just as other constituent groups do. NASA has also suggested that non-academic staff should be represented on the Board as is now the case for academic staff and students. I consider these requests reasonable and so I intend to give them my support.

I could continue, but I must conclude. I am proud of what we have accomplished. Compared to other universities and to other institutions in our community we need not be embarrassed. But our achievements to date should inspire us to accomplish more. Let us recognize that the issues are not always perfectly clear. What one person considered inappropriate harassment, the other insisted was acceptable courting behavior. What one academic staff member claimed to be an essential right to continued permanent employment beyond the age of 65, an unemployed and well-qualified graduate considered to be unfortunate greed which was to his disadvantage. What one individual who served as a Sessional Lecturer for too many years considered her right to the permanent

position that was being filled, another individual argued was an infringement of departmental and Faculty autonomy in hiring.

There are no simple answers. Even when we achieve what we set out to accomplish, others may perceive the event differently from what we intend. Too often, I suspect, we shall fall short of the expectations held by a particular individual or group or too often, I fear, a discrepancy will be evident between what we say and what we do.

But we can accomplish more than we have, and we shall if we are determined to do so. These problems are primarily attitudinal ones and attitudes held by each of us, university presidents included, can change. As students and scholars we have concern with inequities wherever they occur—in our own country or around the world. We shall be more honest and more credible in our pronouncements if we focus as well on inequities in our university community.

Let us renew our commitment that to the extent possible and reasonable we shall aim not only for excellence in our instructional and research programs, but we shall aim as well for excellence of another important kind—excellence in human relationships; excellence that develops from kindness, from consideration, from fairness and from justice. □

It's Never Too Late

Two septuagenarians completed their studies and graduated last week: Stephen Kerr, 79, who received a BSc, and Richard Rabin, 74, a BA.

Mr. Kerr first registered in a BSc program in 1933, when he was a public school teacher. Service in the Royal Canadian Air Force interrupted his career and his studies. After the war he joined a building supply firm and, without the summer school option, he was not able to return to his studies until 1982 when he retired. Before the war Mr. Kerr had completed all the required courses, so he was able to follow his interests, and the last stretch, he said, was very enjoyable.

It was in the summer of 1980 that

Mr. Rabin, formerly a furniture salesman, embarked on his five-year program. On retirement, he started just taking courses, he said, "but every time I got a form, they would ask me to specify my major and I would leave it blank. Finally, they filled in 'Anthropology' for me; I went along with it... and I ended up with a BA in cultural anthropology as a major and cultural geography as a minor." Noting that students had treated him as another student, not as a person of this or that age, Mr. Rabin remarked that the only age-related comment often made was that they wished their mother (or father) would follow his example, and not sit at home doing nothing. □

University Sports Medicine Centre to be Established

The Edmonton Oilers will donate \$300,000 toward the establishment of a Sports Medicine Centre at our University. Announcing the gift at a press conference on 10 June, Oilers owner Peter Pocklington said the Oilers wanted to "give something back to the city that has been very beneficial to us."

The centre, to be located in the Buttermere, underneath the stands, will be known as the Glen Sather Sports Medicine Centre, in honor of the coach and general manager of the Oilers. The Board of Governors has already given approval to the name.

Thanking the Oilers and Mr. Pocklington for their generous donation, Myer Horowitz said that the project was primarily one of the Faculty of Physical Education and Recreation, and then of the Faculties of Medicine and Rehabilitation Medicine. Gerry Glassford together with Harvey Sternberg, Edmonton general practitioner

with a special interest in sports medicine, and David Reid, of Continuing Medical Education, were instrumental in developing and putting together the plan for a clinic that would bring together all aspects of sports medicine.

As Drs. Glassford and Sternberg were unable to attend the conference, Dr. Reid explained the significance and purpose of the centre.

A large number of people within our University are doing world-class research in sports performance and the prevention and treatment of injury, he said. In this centre they will be able to work in teams, both teaching and learning, and producing practical, applied research. The recreational athlete, the community at large, and the university athlete, will all benefit from such an environment, where sports medicine scientists, practical physicians, therapists, coaches and athletes can all work together. □



To occupy 5,000 square feet of currently unfinished space in the lower levels of the Buttermere (see sketch), the Glen Sather Sports Medicine Centre will provide facilities for treatment, teaching and research. "New equipment could also be designed there that will prevent future injuries," said Mr. Sather (right). Art Quinney (left), of Physical Education and Sports Studies, has been consulting sports scientist with the Oilers for six years, designing exercise testing and training prescriptions for the players. The provincial government will match the donation made by Peter Pocklington (centre), on behalf of the Oilers, toward the establishment of the centre. Photo by Craig Wronko.

Horowitz Addresses Convocation, Part II

The following article is the address made by President Horowitz on Monday, 3 June.

Mr. Chancellor, Mr. Chairman of the Board of Governors, Mr. Secretary of State for External Affairs, Mr. Harvie, Other Honored Guests, Colleagues, Members of the Graduating Classes, Your Families and Friends of the University.

Records are being broken this season, Mr. Chancellor, in this auditorium as well as on the ice. When we add to the graduates in the Faculties of Nursing and Education and in Faculté Saint-Jean those in Part I of Convocation last Friday and Parts III, IV and V later this week, the total will reach approximately 4,300, that is 300 more than we ever had before.

The University depends very heavily on academic staff who are willing to serve as deans. Dr. Gamila Marcoc has made an important and positive contribution during her years as Dean of Faculté Saint-Jean. Je veux vous offrir, Madame la doyenne Marcoc tous nos remerciements pour vos années de loyaux services. Nous vous souhaitons une bonne santé et encore beaucoup d'années d'enseignement et de recherche à notre Université. Thank you, Dean Marcoc, for all your contributions.

Once again we have had a record enrolment and once again we had to introduce a freeze on hiring and we had to eliminate academic and non-academic positions. These problems have been real and serious and so on a number of occasions I have expressed concern to our Minister and to anyone else within and outside the University who was willing to listen to my cries.

I have decided, however, not to return to this theme this afternoon. Today I want to focus on recent developments that have been very satisfying for me and very helpful to a growing number of our scholars. I am referring to the several special projects which are funded with income from capital endowments which we created with gifts from friends.

After we sold a small portion of our property at the Edmonton Research Station, our University Farm, we invested the \$14.4 million we received from the sale and in this way our Endowment Fund for the Future was established. The capital has grown to

more than \$17 million and each year with income from investments we support a number of activities to the extent of more than \$1.5 million.

Because of the special attachment of our Faculty of Agriculture and Forestry to the University Farm, approximately 20 per cent of the income is made available to this Faculty. This coming year the allocation to Agriculture and Forestry will fund a research professorship, a teaching professorship, student and staff travel to scientific meetings and conferences, research equipment and facilities, guest lecturers and visiting speakers.

With more than \$250,000 each year we fund three endowed chairs, the Henry Marshall Tory Professorships in memory of our first president. The first three Tory Professors include Dr. Brainerd of Educational Psychology and Psychology. The other two are Dr. Baltes of Electrical Engineering and Dr. Freeman of Anthropology and the Boreal Institute for Northern Studies.

Each year approximately 15 colleagues receive Arthur G. McCalla Research Professorships, named in honor of our first Dean of Graduate Studies and Research. We were all saddened by Dr. McCalla's death last month. Just this morning I received a letter from Dr. Dennis McCalla, one of Dean McCalla's sons. In his letter he indicates that of all the honors bestowed on his father, the McCalla Professorships had special significance for Dean McCalla. These awards enable the recipients to concentrate exclusively on research projects for one academic year. At the present time McCalla Professors include Dr. Anderson of Educational Psychology, Dr. Bacchus of Educational Foundations and Dr. Field of Nursing. In previous years award holders included Dean Patterson when he was full-time in Educational Foundations, Drs. Kysela, Maguire and Rodda of Educational Psychology, and Dr. Miklos of Educational Administration. This coming year McCalla Professor recipients include Dr. Hunka from Educational Psychology and Educational Research Services, Dr. Kass from Secondary Education, and Dr. Carey from Faculté Saint-Jean. About 10 days ago my wife and I entertained this year's McCalla Professors. It was very satisfying to hear about their ac-

complishments which they claimed would not have been possible without these awards.

Also from the Endowment Fund for the Future we bring scholars to the University to meet with students and staff. During this year Faculté Saint-Jean hosted an author, Dr. de Beauvoir, and the Faculty of Education arranged for visits to our campus of Dr. Jaenen of the University of Ottawa, Dr. Nevison of the University of British Columbia, Dr. Fensham of Monash University in Australia, Dr. Blacher of the University of California, and Dr. Sapra of the National Institute of Educational Planning in India. Other distinguished visitors came from the Ontario Institute for Studies in Education and McMaster University and from institutions in the United States, England, Israel, Japan, West Germany, Australia, Denmark and Switzerland.

More than \$300,000 from this Fund is allocated for the advancement of scholarship in Faculties that relate to the Social Sciences and Humanities Research Council. Academic staff from the three Faculties represented here this afternoon, as well as professors in Arts, Business, Law, Library Science, Physical Education and Recreation, and Home Economics are able to benefit from this allocation. Unfortunately, the level of support available for faculty in these fields is considerably lower than is the case for colleagues whose areas of study are supported by the Natural Sciences and Engineering Research Council and the Medical Research Council. That is why we have added these supplementary funds in the humanities, social sciences and related disciplines. That we have been able to give preferential treatment to scholars in these fields is a credit to our colleagues in the medical, natural and applied sciences who have recognized the need for this type of affirmative action.

Also from this Fund, \$60,000 is provided each year to the Vice-President (Research) as a Discretionary Fund. During the present year 55 grants were made available to staff and students for travel to meetings and conferences, for scholarly publications, and for assistance for the organization of conferences on this campus.

Another \$200,000 is available for local community projects and for international development activities. During this year 20 local community and about a dozen international proposals were supported. They included grants to academic staff in the Faculty of Education for a summer program for gifted students, for the publication of the *Canadian Journal of Native Education*, and for an International Night sponsored by the International Development Club. The University Archives received a grant in support of the Faculté Saint-Jean display which was prepared for the University Senate meeting that was held in Grande Prairie last September. Other grants were for community projects such as the Women's Resource Centre, a stained-glass window for the chapel in St. Joseph's College in honor of its forthcoming 60th Anniversary, and the Third Annual Conference "Canada, the World and the Future." On the international level support was provided for travel to explore the feasibility of our becoming involved in development activities in Africa, Asia, the West Indies and Latin America.

Additional Endowments

All of these projects are funded from the Endowment Fund for the Future. I would like to refer briefly to three additional endowments. Several years ago we received from a friend of the University, Mr. Sandy Mactaggart, a generous donation of property south of the City which we shall maintain in its natural state. The donor insisted that we at the University, and not he, should decide how the income should be used. Once again we felt that we should concentrate on the social sciences, humanities and related faculties. Unlike the Natural Sciences and Engineering Research Council and the Medical Research Council, the Social Sciences and Humanities Research Council does not provide funds for the support of Fellows. And so we created the Mactaggart Fellows—a way of bringing recent doctoral graduates to our campus for limited periods of time so that they can be involved actively and productively in teaching and research. Dr. Callan was appointed last year as a Fellow in Educational Foun-

dations. In addition, with the appointments for next year, we shall have Fellows in History, Music, English, Political Science, Geography, Family Studies and Sociology.

About three years ago another friend of the University, who wishes to remain anonymous, gave us a gift of \$150,000 on the understanding that it would be used for a project of particular interest to me personally. (For a wild moment I thought a trust fund to enable the President to go on exotic vacations would be appropriate!) Perhaps it's not a surprise that a President, whose professional roots are that of a school teacher, has a special interest in high quality teaching at every level and so I decided to create an Endowment Fund for Excellence in University Teaching. Additional gifts have increased the capital to about \$180,000. For the present, the income, matched by the Government of Alberta, is being used to fund the Rutherford Undergraduate Teaching Prizes (which were established four years ago in memory of our first premier and a former chancellor) and several projects sponsored by our Committee for the Improvement of Teaching and Learning.

The most recent endowment we have just created with some of the gifts for our 75th Anniversary which came from many individuals, foundations and companies. The income, once again, is being matched by the Province of Alberta. Initially we are planning to spend annually about \$100,000—\$50,000 for each of two projects. Just as on other occasions we recognized the particular needs in the humanities, social sciences and related fields to which I referred a few minutes ago, so now we felt it was essential to attend to a problem in the natural and applied sciences. Each year the Natural Sciences and Engineering Research Council supports approximately a dozen Fellows but, unfortunately, not at a salary level which we consider to be satisfactory and so we shall be allocating to our Faculties of Science, Engineering and Agriculture and Forestry a total of \$50,000 to enable them to supplement the stipends of these Fellows.

We are planning to use the remaining \$50,000 for 20 awards of \$2,500 each to advanced full-time doctoral students to assist them in covering costs related to their research projects. These awards will be called the

Andrew Stewart Graduate Prizes in honor of our fifth president who served from 1950 to 1959. It was during those years that the Faculty of Graduate Studies and Research was formed. And so now, in a somewhat dehumanized way, but I hope with affection and respect, we shall hear of members of our community receiving a Stewart, just as others are the beneficiaries of a Mactaggart, a McCalla or a Tory.

Mr. Chancellor, it is essential that we support these activities if we are to achieve and maintain excellence in teaching and research. I am pleased that we created endowments which enable us to fund these very special projects. I hope that the value of what we are doing will be recognized and that the general funding to our University will be sufficiently generous so that we shall never have to consider using the income from these endowments for the day-to-day operation of the University.

I am optimistic that we shall continue to be successful in attracting gifts for capital endowment and that with the income from our investments and with government matching funds we shall be able to support additional chairs, research and teaching professorships, fellowships, scholarships and other projects.

During my six years in the presidency there have been high moments and, as I expected, there have been some low ones. I promised that today I would not speak about matters that have been upsetting and disappointing. Instead I have described, all too briefly I know, what I think have been among our finest accomplishments and what I know have brought me much joy and great satisfaction. □

Problems in the Fourth Dimension

There have been problems with clocks around campus, specifically classroom clocks, clocks in the libraries, and clocks in laboratories. Why? Recently, a new and more accurate electronic master time clock was installed to regulate all permanently wired clocks. Unfortunately some "bugs" have surfaced. These are being corrected so that soon we will all return to a standard time.

"The stars move still, time runs, the clock will strike...." □

Westlake Gains Top Award

Donald W.S. Westlake, Chairman of Microbiology, has been awarded the 1985 Canadian Society of Microbiologists Award. The award, according to information received from the Society via Gerry Moss, Associate Dean in the Faculty of Science, "is intended for residents of Canada who have done outstanding work in microbiology."

Don Westlake, whose collaborative work with Susan Jensen recently gained national attention in the *Globe and Mail* (17 December 1984), was educated at the Universities of British Columbia and Wisconsin. He came to our University in 1966 and has been Chairman of his current department since 1969. His research interests lie in four major areas: microorganisms and their use in the petroleum indus-

try; the control, regulation, and enzymology of metabolite production; environmental microbiology; and applications of microbiology to industry generally.

Dr. Westlake continues to serve his profession well, not only in research but also in supervising graduate students and in active involvement in academic and administrative committees. Currently, co-editor of the *Canadian Journal of Microbiology*, he is also a member of the NSERC Cell Biology and Genetics Grant Selection Committee.

"The Canadian Society of Microbiologists is very pleased to have such a worthy recipient for the 1985 CSM award, one who has made contributions in so many areas of microbiology." □

Dairy Award Winner to Visit Food Science

Wolfgang Buchheim, an internationally renowned electron microscopist specializing in the freeze-etching technique as applied to dairy products, will visit our University 17-21 June. While the Department of Food Science plays the official host, Dr. Buchheim will also spend time with several other individuals from the Departments of Animal Science, Medicine, Foods and Nutrition, and the Cross Cancer Institute, whose interests are in freezing or electron microscopy. Also to be included in the visit, which is sponsored by the Alberta Heritage Foundation for Medical Research, are two seminars; "Ultrastructural, physico-chemical, and nutritional aspects of gastric curd formation in digestion of milk" (18 June, 11 a.m., 1-13 Agricultural-Forestry Centre) and "Freeze-etching techniques for electron microscopy of dairy products and other materials" (19 June, 11 a.m., 2-06 Agriculture-Forestry Centre).

Dr. Buchheim is Acting Director of the Institute of Chemistry and Physics within the Federal Dairy Research Organization in Kiel, West Germany. His long list of scientific publications covers every aspect of modern dairy science, technology and nutrition, with emphasis on microstructural problems of a fundamental as well as applied

nature: micellar structure of casein, heat-aggregated structures of whey protein concentrates, structural aspects of gastric casein clots, and industrial problems of "feathering" of cream in coffee or lactose crystal formation in whey cheese. For his wide array of industrially important research findings, Dr. Buchheim earlier this month received the 1985 International Miles Marschall Award by the American Dairy Science Association for excellence in research. Anyone interested in arranging a meeting with Dr. Buchheim during his stay is asked to contact Dr. P. Jelen at 432-2480. □

Journey for Lives Update

The University has closed its books on the fund raising campaign undertaken in support of Steve Fonyo's "Journey for Lives," which had as its focus Mr. Fonyo's visit to Edmonton on 13 April. In all, from contributions and from sales of memorabilia, our community raise \$18,274.34. These funds have now been transferred to the Canadian Cancer Society. □

Retiring Staff Honored at Function Hosted by Board of Governors

The annual Board function honoring staff who have retired or are about to retire was held last on 30 May. As usual it was a gala event in the upstairs dining room of the Faculty Club, and well attended despite the Stanley Cup final game (viewed on a pocket television by one person present and scores relayed to guests at irregular intervals by Chairman of the Board John Schlosser). A record 93 people from every walk of life in the University were honored. Together they accounted for 2,500 years of service to the institution. In the accompanying photograph, former Vice-President (Facilities and Services) Ron Phillips (left) is greeted by Mr. Schlosser.

(The following pages contain brief biographies of all those honored. This reprint of a booklet distributed to all retirees is an annual supplement to Folio published in place of weekly retirement notices. Colleagues of those about to retire are urged to submit biographical summaries to Community Relations throughout the year in order to relieve eleventh hour pressures in the preparation of the summary.)

Willard Allen

Professor Allen joined the University in 1948 as an Assistant Professor of Chemistry. He became full Professor in 1972, Associate Vice-President (Academic) in 1971, and Associate Vice-President (Finance and Administration) in 1980. His special interests are chemical education, analytical chemistry and spectroscopy, but he also cites teaching as one of the highlights of his career. Since his retirement, Professor Allen and his wife, Audrey, have been "making tracks" across the continent and beyond. The Allens are currently in London, England, and plan on returning to Victoria some time in the fall.

Ted Aoki

Professor Aoki began with the Department of Secondary Education in 1964 as an Assistant Professor. He became Chairman of the Department in 1978, and as a result of his contribution to curriculum theory, program evaluation and social studies curriculum and theory, he has been



honored by having an award named after him. The "T. Aoki Award" was established by the editorial board of the *Journal of Curriculum Theorizing* (a U.S.-based publication), which will donate \$1,000 to the student that submits the best Canadian curriculum essay that exemplifies Dr. Aoki's scholarship.

Nina Arychuk (deceased)

A native of Poland, Mrs. Arychuk immigrated to Canada with her family in 1930. She attended school in Champlain, Alberta, and in 1953, she and her family moved to Edmonton where she worked as a short order cook for a number of years. Mrs. Arychuk joined the University family in 1968 as a Building Service Worker and was soon rated as an above average employee. Mrs. Arychuk retired in 1984 and has been particularly missed in University Hall, which was in her care for many years.

R. George Baldwin

A native of Vancouver, Dr. Baldwin joined the Department of English in 1951 as a lecturer. He was promoted to Assistant Professor in 1954, Associate Professor in 1958 and full Professor in 1963. However, Dr. Baldwin is best known for his contributions to the administration of the University having served as Chairman of the Department of English (1967-71), Associate Dean of Arts (1971-72), Dean of Arts, (1972-79), and Vice-President (Academic), (1979-84). He also served a term on the Board of Governors as an elected faculty representative.

Arthur Bates

Prior to joining the University's Food Science Department, Mr. Bates spent 22 years in the Canadian Armed Forces, where he achieved the rank of sergeant, and nine years, including the Second World War period, in the

Royal Air Force. He retires following 13 years of continuous service to the department as storeman and book-keeper. Mr. Bates' cheerful assistance and enthusiasm will be missed.

Marguerite Benoit

Ms. Benoit joined the Department of Microbiology in 1976 as a Laboratory Assistant II in the Wash-up facility and maintained this position until her retirement last August. Her hard work and dedication were greatly appreciated by staff and students alike, and we wish her a long and happy retirement.

Walter Bidniak

Mr. Bidniak was born and educated in Cadron, Alberta. He joined the staff of the Provincial Laboratory of Public Health in August 1967 and served as an Animal Technician in the Vivarium of the Laboratory until his retirement on 8 February 1985.

John Bilsland

John Bilsland has been an active and valued member of the English Department for thirty years, both as a teacher and in connection with his work with students in Education. Dr. Bilsland has published numerous articles on Canadian literature and for many years was an energetic reviewer (in the *Edmonton Journal* and on CBC Radio) of Edmonton theatre productions. He was also a respected administrator having served as Chairman of the Convocation Committee, Associate Chairman of the English Department and as Assistant Dean of Arts.

Benedict Blawacky

A native of Poland, Benedict Blawacky attended university in Prague and Munich receiving a degree in Pharmacy. He arrived in Canada in 1948 and was a pharmacist with the Charles Camshell and Alberta Hospitals. In 1958 he moved into a position as chemist with Sherritt Gordon Chemical- Metallurgical Refinery and Inland Cement Company. Mr. Blawacky came to campus in 1961, serving with the Department of Agriculture and then as a technologist with the Botany Department. He is a co-founder and active member of the Ukrainian male choir "Dnipro" and is also a member of "Ukrainian National Federation."

Eleanor Booth

Mrs. Booth was one of five women hired in 1968 for the "temporary" job of putting the University's alumni records in order. The undertaking was much larger than originally envisioned, however, and she continued working in this capacity for 16 years. The responsibility of alumni records changed several times over the years, and Mrs. Booth followed it from the Alumni Office, to the Fund Development Office, to Community Relations, and back to the Alumni Office.

John Bowland

Dr. Bowland is retiring after 36 years with the University. He is a Professor of swine nutrition in the Department of Animal Science and served as Dean of the Faculty of Agriculture and Forestry from 1975 to 1983. His most significant research contribution has been through his study of the nutritive quality of rapeseed and canola meals and of rapeseed oil. As a result of his

research in this area, he has greatly contributed to the success of rapeseed (canola) as a crop in Western Canada. In addition to his contribution to research, Dr. Bowland has also been an excellent teacher and graduate student advisor.

W.A.D. (Doug) Burns

Mr. Burns has been a student or staff member of this University in various capacities since 1947. He was Students' Council President, 1953-54, and was the first full-time paid student President of the National Federation of Canadian University Students. He joined the Registrar's office in 1960 and in 1970 was the first Canadian Registrar invited to participate in U.S.-sponsored workshops on evaluation of student credentials. Since 1982 he has been responsible to the President for ceremonial and protocol matters, and has served on the President's Advisory Committee for International Development.

Wallace Burrows

Shortly after his return from serving in the armed forces, Mr. Burrows joined the University's Works Department in 1946 as an apprentice painter. Following three years there, he moved to the federal Department of Weights and Measures where he spent 11 years. He returned to the University in 1964 as a painter with Physical Plant and in August 1983, was appointed foreman, a position which he held until his retirement in December 1984. Mr. Burrows intends to remain an Edmontonian staying near to his family and friends.

Donald Cameron

Donald Cameron is a native Edmontonian and obtained his bachelor's and Doctor of Medicine degrees from this University. Dr. Cameron has spent his entire professional career with the Faculty of Medicine in both the Departments of Anaesthesia and Pharmacology and served as Dean of the Faculty from 1974 to 1983. He has served in many national and international professional societies, including the Presidency of the Alberta College of Physicians and Surgeons and the Medical Council of Canada.

William Chepil

Bill Chepil joined Campus Security in 1972 as a Watchman and several years later was appointed Security Officer I. He served the University "very

well" and was a dependable employee who showed a great deal of initiative in his job. During his years on campus, Mr. Chepil had an excellent work record and was known as a conscientious worker.

Richard Cherry

A native of Montreal, Dr. Cherry received his BSc and MD CM from McGill University. He served five years with the Canadian Army, following which he conducted his internship at University Hospital. In addition to his general practise, Dr. Cherry has been a Professor in the Department of Community Medicine, and has been an active member of University and community committees, including the Curriculum Committee in the Department of Family Medicine, and President of the Medical Advisory Committee. He is also a team physician for the Edmonton Eskimo Football Club.

George Christie

Mr. Christie is an avid airplane fan, having joined the Canadian Air Force in World War II. Later he was appointed a personal supervisor for the servicing and repair of Interceptor aircraft and the inspection and maintenance of Hercules aircraft. He joined the Department of Physics as a technician in the Low Temperature Division in 1971, and was promoted several times. His duties included keeping the lab equipment in good repair and machining new equipment when necessary.

Mary Clare

Mrs. Clare joined the staff of the University Library in 1977. During her eight years employment, she has been secretary to the Head of Circulation and the Head of Circulation Services and Undergraduate and secretary to a variety of standing committees within the Library administration. Mrs. Clare was always willing to take on new assignments with enthusiasm and energy. We wish her a long and fulfilling retirement.

Margaret Climie

Margaret Climie joined the University in 1956 as secretary to Dr. Walter C. Mackenzie, Chairman of Surgery then Dean of Medicine. She left this position 13 years later to become secretary to the Chairman of the Alberta Universities Commission and with its demise, rejoined the Health Sciences

community. In the mid '70s Ms. Climie worked with the provincial Department of Social Services before returning to campus in 1979 to assume the position of Departmental Secretary in Applied Sciences in Medicine, which she held until her retirement.

Richard Coyne

Mr. Coyne joined the University in 1962 as a driver and four years later was appointed Foreman Dispatcher in Shipping and Receiving. He held this position until he retired in September 1984. Over the years he worked on campus Mr. Coyne was known as a person who was always able to come up with a driver to deliver that "rush order."

Helen Culyer

Mrs. Culyer's 27-year association with the University began with the Department of Housing and Food Services on a part-time basis. She became a full-time employee in 1968 when she joined the Accounts Payable Division of the Comptroller's Office where she has been responsible for processing millions of dollars worth of payments to staff and suppliers. Mrs. Culyer could always be depended upon to process mountains of paper to ensure that the University met its commitment to timely payment of its accounts.

Jorge De los Angeles

Mr. De los Angeles was born in the Philippines and has two university degrees, one of which is a law degree. Prior to immigrating to Canada he served in the Armed Forces and worked for the Quezon Police Department. He worked with Steele Security Services in Edmonton before coming to the University in 1981 as a Security Watchman.

Olive Dickason

Olive Dickason received her early education in Western Canada prior to obtaining her first degree from the University of Ottawa. Following a lengthy career in journalism at the *Gazette* in Montreal and the *Globe and Mail* in Toronto, she worked for the National Gallery of Canada in Ottawa. She returned to university in the early '70s and received her post-graduate degrees from her alma mater. Dr. Dickason joined the University's History Department in 1976 teaching Amerindian and Canadian History.

Lloyd Dittmer

Following service with the Armed Forces in World War II, Lloyd Dittmer returned to the Edmonton area to begin work in the construction industry. For twenty years he worked as a carpenter, foreman, and field superintendent. He brought his vast experience to the University in 1967. For eighteen years he served the Department of Physical Plant well. We all wish him well in his retirement.

Gaetano (Gus) Donato

Mr. Donato was born and raised in Italy and immigrated to Canada with his family in 1948. He was first employed with Edmonton refineries and in 1964 was appointed to the position of Building Service Worker at the University. Mr. Donato worked in several buildings on campus, including the old Sociology Hut which used to stand west of Assiniboia Hall. Health problems began to affect him but fortunately, successful surgery has enabled him to enjoy his retirement with his family.

Eileen Dunham

Mrs. Dunham first joined the University's Comptroller's Office on a temporary basis and became a full-time employee in 1966, initially working in both the Fees and Payroll Divisions. One of her first assignments was to assist in the conversion of the payroll production to the IBM punched card system. Mrs. Dunham was then involved in the administration of various employee benefit programs and, at the time of her retirement, was well-known for her in-depth knowledge of this area.

Sis Eldridge

Mrs. Eldridge was one of five women hired by the Alumni Office in 1968. She watched the numbers of graduates increase from 29,000, when she began, to approximately 100,000 when she retired. She also saw the records system go through three different card system changes before it became computerized. This meant working with printouts, then microfiche, and finally, an on-line system.

Alan Fee

Dr. Fee has given the Faculty of Dentistry 38 years of dedicated service, 17 of those as Chairman of the Division of Prosthodontics. An alumnus of the University (he received his post-graduate degree from Ohio State Uni-

versity), he is a Fellow of the Royal College of Dentistry of Canada and a Fellow of the American College of Dentistry.

Juan Ferraté

Professor Ferraté came to the University's Department of Modern Languages in 1961 after serving as Professor of Classical Languages at the Universidad de Oriente in Cuba. In 1969, he was jointly appointed with Romance Languages and Comparative Literature. Professor Ferraté's publications are numerous and include translation from modern and classical Greek, editions of medieval and modern Catalan poetry, and studies of modern European poets.

Lawrence Fisher

Professor Fisher joined the Music Department in 1969 as an Associate Professor and second violinist with the University of Alberta String Quartet. He has performed as a chamber musician and soloist in Canada, U.S., Great Britain, France, Belgium and the Pacific Rim countries. Professor Fisher served the Department as Chairman of its Strings Division from 1980 to 1984. He has also been active in community and professional service in such endeavors as music festival adjudicator and violinist with the Edmonton Symphony Orchestra.

John Allison Forbes

Professor Forbes, an alumnus of this University, also studied at the Universities of Iowa and Minnesota and Columbia University. After a three-year stint with the Royal Canadian Air Force, he returned to Canada. He joined the Department of History in 1949, and became the coordinator of the Division of History of Art and Design, and a member of the Department's Executive Committee. Professor Forbes, in addition to being an art historian, has continued his work as a painter. He has received awards for his work, and was elected a Fellow of the Royal Society of Art in London in 1976.

George Ford

George Ford's career at the University began as a sessional lecturer in 1942 and includes appointments as Secretary, Department of Civil Engineering, Chairman, Department of Mechanical Engineering and Dean of the Engineering Faculty from 1971 to 1976. Dr. Ford has served the Univer-

sity through membership on almost all major committees and affiliation with professional societies is extensive. He was President of APEGGA, Chairman of the Board of Examiners and sat on its Canadian Accreditation Board.

Robert Fraser

A native of Nelson, British Columbia, Dr. Fraser came to Edmonton in 1941 to attend University, graduating with his MD. He received further training in family practice and was awarded fellowships in biochemistry, internal medicine and cardiology. Since 1953, Dr. Fraser has been a full-time faculty member and was Director of the Cardiopulmonary Unit when the first open heart surgery in Canada was performed. He has held a variety of administrative positions, including Chairman of the Department of Medicine and Associate Dean and Acting Dean of Medicine. He has been active in a number of national and international associations and was awarded the Distinguished Service Award of the Canadian Heart Foundation in 1966. He was the founding President of the Alberta Heart Foundation in 1956.

Harry Geytenbeek

As a member of the Physical Plant team, Mr. Geytenbeek had responsibilities in landscaping, roadwork, laying asphalt, snow clearing and as an equipment operator. Mr. Geytenbeek's position with the Grounds Division allowed him to enjoy the outdoors; and he has seventeen years of dedicated service to the University. He has a keen interest in sports, particularly hockey.

Jim Gray

Jim Gray worked as day foreman at the Kitimat Works of the Aluminum Corporation of Canada for 22 years and then moved to Pinkerton Security and Edmonton Butchers and Packers Supplies prior to coming to the University. He joined Housing and Food Services five years ago and in his position as a Building Services Worker II, showed dedication and efficiency.

Keith Hage

Keith Hage was born in Saskatchewan and received his education at the Universities of British Columbia, Toronto and Chicago. After serving in various capacities with the federal government and in the U.S., Dr. Hage

joined the University's Geography Department in 1967. He has been Acting Chairman of the Department and was Associate Chairman from 1974 to 1980. Dr. Hage also served as Acting Director of the Institute of Earth and Planetary Physics and in 1982 was elected a Fellow of the American Meteorological Society.

Frank Howell

Mr. Howell began brightening the days of his fellow workers in 1972 in the Provincial Lab, and in 1975 went to spread his cheerful countenance in Radiation Control, where he worked as a Decontamination Worker, responsible for chemical waste pick-up and disposal for the campus. The Howells have five children and seven grandchildren. In addition to his hobbies of bowling, photography and camping, Mr. Howell and his wife are volunteers at the Edmonton Space Sciences Centre.

John Jackson

John Jackson has been a member of the University family for 20 years, first in the Physics Department and later the Library (as Stacks Supervisor). At the time of his retirement, Mr. Jackson was Supervisor of Library Shipping and Receiving. During his years in the Library, he maintained his true avocation, music, and he has played in a number of military bands, including the "Princess Pats." Mr. Jackson also played with the Edmonton Symphony and could be seen during Klondike Days and Grey Cup celebrations playing trumpet with the Sourdoughs.

Arnold Keller

Mr. Keller was born and educated in Germany. He served in World War II and following immigration to Canada, worked as a carpenter for two Edmonton construction companies. He then secured employment with the University, first in Shipping and Receiving and later as a Building Service Worker. Mr. Keller has worked in numerous campus buildings, including Corbett Hall, General Services and the Physical Education complex. He was promoted to a Supervisor in 1968 and retired on his 65th birthday, 28 February 1985.

Adriana Ker

Adriana Ker was born and raised in Holland. She began with the University in 1960 after being interviewed by

Reg Lister, Superintendent of Residences. Mrs. Ker's first position was as a dormitory maid in a student residence and she held the position of Housing Worker until 1981 when she was reclassified to Lead Hand. During her 25 years with the University, Mrs. Ker worked in both 'New Residences' (now Lister Hall) and Pembina Hall.

Samuel Kling

Dr. Kling has been with the R.S. McLaughlin Examination and Research Centre since 1974 when he was the Assistant Director. He later became Director, and in that capacity had the responsibility of advising the Royal College of Physicians and Surgeons of Canada and the Medical Council of Canada on their examinations. A paediatric surgeon, he is held in the highest regard by his colleagues in Canada and abroad for his major contribution to paediatric surgery, teaching, and medical education.

Raymond Lemieux

Professor Lemieux has received wide recognition for his research in carbohydrate chemistry. He is a Fellow of the Royal Society of Canada and of London, Officer of the Order of Canada, and a University Professor at this University. Dr. Lemieux has also received eight honorary degrees, the I.K. Killam Award from the Canada Council, the C.S. Hudson Award from the American Chemical Society and the Haultain Prize from the Province of Alberta. A native of Lac La Biche, Professor Lemieux has been with the Department of Chemistry since 1961.

Fenton V. MacHardy

Dr. MacHardy is a native Albertan, born in Vermilion. Educated at the University of Saskatchewan, Northwestern University in Illinois, and at the University of Edinburgh, Dr. MacHardy accepted his first appointment here as a lecturer in 1950 in the Department of Agricultural Engineering. He served as Chairman of that department and has also served as Dean of the Faculty of Agriculture and Forestry from 1968 to 1975. Since 1975, Dr. MacHardy has enjoyed the distinction of being University Professor, an honor that recognizes the many-faceted nature of his scholarship. Dr. MacHardy's research interests have taken him far afield. His contributions to the disciplines of agricultural engineering, economics,

energy and animal nutrition have singled him out for many honors and awards. He is a Fellow of the Agricultural Institute of Canada and the Canadian Society of Agricultural Engineering.

Donald MacKenzie

Mr. MacKenzie joined the Chemistry Department in 1960 as an Administrative Assistant, and was promoted to Administrative Professional Officer in 1968. "Don's technical and administrative skills were critical to the growth and development of the Chemistry Department, and earned him the continuing admiration and respect of all his colleagues," wrote the Chairman. Mr. MacKenzie received a diploma from the Olds School of Agriculture in 1948, a BSc in Agricultural Chemistry from the University of Manitoba in 1953, and a BSc in Business Administration from the University of California, Berkeley, in 1959.

William Maik

A native Albertan, Mr. Maik farmed near Smoky Lake and hauled water to the oil rigs in the area. The slow down in exploration led to employment as a tractor operator and in 1968 he joined the University as a Building Service Worker. Mr. Maik was assigned to several buildings during his 16 years on campus, including the Cameron Library, Tory Building and Physical Education. He chose an early retirement and left Physical Plant on 31 August 1984.

Allan Martin

Mr. Martin was born and raised near Mayerthorpe, Alberta, and upon receiving his discharge from the armed forces entered the plastering trade. He worked as a plasterer in the construction industry until 1975 when he joined Physical Plant. During his ten years with the University, Mr. Martin handled various duties in the plastering, drywalling and tile setting fields. His primary leisure interests include hunting, fishing and golf and he intends to pursue them more actively in his retirement.

Anne Martin

Born and raised in Glasgow, Scotland, Mrs. Martin came to Canada in 1946. For 21 of her 22 years of service to the University, Mrs. Martin worked in the Faculty of Science, where she was Executive Secretary. In addition to travelling, Mrs. Martin and her hus-

band will enjoy time with their children and grandchildren and pursuing her many hobbies. She retired in December, 1984 and the highlight of her first year of retirement will be a summer visit with her mother in Glasgow and a tour of Europe.

R. Glenn Martin

Prior to coming to the University's Department of Secondary Education 15 years ago, Dr. Martin taught at the University of South Carolina. According to Dr. Martin, "English (and more generally language) continues to matter to me intensely as the principal means by which human minds make and sustain contact with each other. My professional life has been dedicated mainly to dealing with the implications, especially in schools, of that astonishing fact."

Janet Mather

Janet Mather was a member of the Housing and Food Services family since 1975 and was one of the familiar and happy faces in the CAB cafeteria. As a Food Services Worker II, she was always pleasant and helpful to her customers and her cheery disposition is missed.

Margaret McCaughan

Margaret McCaughan joined the University in 1970 as the Administrative Officer in the President's Office. Her educational background includes an LLB from Queen's University in Belfast, and a BA and LLM from this University. In 1979 she became Executive Assistant to the President and in 1981 joined the Faculty of Business as an Assistant Professor. Her book, *The Legal Status of the Married Woman*, was published by Carswell in 1978. Her interests have included research into the area of statutory authority of universities in Canada.

Elsie McFarland

A native Albertan, Dr. McFarland came to the University in 1974 following her position as an Assistant Deputy Minister with the provincial Department of Culture, Youth and Recreation. She spent 23 years with the Alberta government and was, for many years, head of the health and recreation branch of the Department of Education. Her first appointment was in the Department of Recreation Administration as Chairman and she served as such until 1979 when her term ended. At the time of her retire-

ment, Dr. McFarland held the position of Professor of Leisure Studies.

Lajos Meszoly

Mr. Meszoly was born in Hungary and when he arrived in Canada worked as a machine operator at Dominion Tanners. He joined the Physical Plant staff in 1964 as a Building Service Worker and in 1975 was transferred to the Department of Physics, where he was responsible for servicing specific sensitive laboratories. Mr. Meszoly moved back to Building Services three years later and during his last year of employment never missed a single day of work.

George Monckton

Dr. Monckton came to Edmonton in 1957 and was the province's first neurologist. In addition to a private practise, he became a geographical full-time member in the Faculty of Medicine, conducted a research program, and taught students and residents while trying to organize a proper division of Neurology in the Department of Medicine. It is rumored that Dr. Monckton secretly harboured a love of stuntwork, and he had an uncanny knack of falling off platforms and suffering only minor injuries.

Russell Motyka

Mr. Motyka joined the University's Works Department in 1961 as the assistant to the foreman. He served as Project Assistant with responsibility for assisting with planning building alterations until his appointment as Building Maintenance Manager in 1968, a position which he held until his retirement. Prior to coming to campus, Mr. Motyka had several years experience in purchasing and cost estimating in the lumber industry.

Clement Nivon

Following service in the armed forces, Mr. Nivon entered the construction industry where he earned his journeyman carpenter status. Until 1961 he worked on various construction projects throughout Western Canada, the Yukon and the Northwest Territories and then came to campus to work on the reconstruction of the old Medical Building (now Dentistry/Pharmacy). He remained with Physical Plant as a carpenter and later, as Carpenter Foreman, until his retirement in September 1984.

Clara Osadchy

Mrs. Osadchy is a native Albertan and joined the Department of Housing and Food Services in 1967. At the time of her retirement she was a Food Service Worker II and her dedication and cheerful disposition will be missed.

Norman Page

Dr. Page, educated at the Universities of Cambridge and Leeds, has been a member of our Department of English since 1969, achieving the rank of Professor in 1975. A scholar with an international reputation concerning English novels of the 19th and 20th centuries, Dr. Page has published several books on the writings of Thomas Hardy and Charles Dickens—books that have become indispensable tools wherever the language of great prose writers is studied. Dr. Page is a Fellow of the Royal Society of Canada and was a 1983 recipient of the University's Research Prize, a prize which recognizes excellence at the leading edge of scholarly attainment.

Cecile Pettigrew

As a secretary for the Riel project since 1979, Mrs. Pettigrew's cheerful voice and manner were a welcome addition to the office until it closed its doors in 1984. She then moved to Ottawa with her husband, Guy, where she has joined several community service groups, including the Newcomers Club, of which she is now the secretary.

Ron Phillips

Mr. Phillips' association with the University spans nearly half a century during which he has been a student, professor, senior administrator, and parent to four U of A students. He graduated with a BSc in Electrical Engineering in 1942, following which he served as an instructor to RCAF and RCN artificers at the University. Mr. Phillips was then an electrical officer in the RCN and a lecturer at the University. He was appointed Associate Professor in Electrical Engineering in 1954 and in 1963 became Director of Physical Plant. He assumed the position of Vice-President (Facilities and Services) in 1975.

Betty Piersdorff

Mrs. Piersdorff has been with the University for eighteen years. She began as a member of the Faculty of

Extension's Agriculture Division in 1966, and was well-known for her personal and efficient manner. As Administrative Clerk, she helped train four supervisors, and was a person to call on in a problem-solving situation. Mrs. Piersdorff plans on spending her free time travelling, enjoying her grandchildren, and breaking par on the golf course.

Jan Pranszka

Born in Poland, Mr. Pranszka spent three and a half years coal mining in England prior to immigrating to Canada in 1951. He spent one year in Toronto before moving to Edmonton and upon arrival began 12 years of service with Anthes Imperial Co. Ltd., producing pipe and cast fittings. Mr. Pranszka came to the University in 1964 as a Building Service Worker and spent his 20 years of service in the Education Centre and Home Economics building.

Mary Prokopchuk

Following almost 25 years with the University's Housing and Food Services Department, Mary Prokopchuk has retired from the Students' Union cafeteria. She was a Food Services Worker I and her efficiency and pleasant manner with customers will be missed by students and staff alike.

William Rauschnig

Mr. Rauschnig came to Canada from his native Germany in 1955. After spending his first eight years with the Alberta Government, he joined the Photo Services staff where he spent the next 21 years. His photo assignments made him a familiar face at many University functions and his expertise in photography made him one of Photo Services' most requested photographers. Mr. Rauschnig is now living in Victoria.

Ernest Reinhold

Ernest Reinhold came to campus in 1952 as a lecturer in the then Department of Modern Languages (now Department of Germanic Languages). Dr. Reinhold was head of the Division of Germanic Languages and General Linguistics and Chairman of the Germanic Languages Department. He also held a joint appointment with the Library from 1973 to 1978. Dr. Reinhold served as Assistant Dean and later as Associate Dean of Arts and during the 1983-84 academic year was the newly appointed Director of Universities and Colleges Liaison.

Joseph Richter

Dr. Richter joined the Department of Agricultural Economics and Rural Sociology (now the Department of Rural Economy) in 1970, having already established an international reputation in the area of trade and development. He has published and lectured widely in international trade, particularly as it affects Canada, the European Economic Community and Japan; on the economic consequences of constitutional and legal aspects of marketing of agricultural products; and on how transportation issues influence the grains and livestock sectors.

Jean Robertson

Professor of Elementary Education, Dr. Robertson has been with the University for twenty years in the literacy area of reading in teacher education. She was committed to both undergraduate and graduate students as well as guided graduate student research. Dr. Robertson was a member of the Executive Committee of her Faculty, General Faculties Council and the Senate.

Donald Robinson

Donald Robinson retired from the University last October following 36 years of service. Dr. Robinson graduated from the Universities of British Columbia and Michigan and joined the Chemical Engineering Department in 1948. He served as Chairman of the Department for 11 years, during which time it developed into one of the top Chemical Engineering Departments in North America. In recognition of his many and varied contributions to chemical engineering, he was presented with the R.S. Jane Memorial Award and the APEGGA Centennial Award.

Madeline Schill

Mrs. Schill began her career with the University Bookstore as a cashier in 1972 and two years later was promoted to Financial Records Clerk. During her years with the Bookstore, she was more than willing to take on extra duties to assist in maintaining the efficiency of her area. As her job became more sophisticated, Mrs. Schill took additional training, on her own time, to keep up to date with the ever changing financial records system.

Berthold Schneider

Mr. Schneider was born in Poland and

came to Canada in 1951. He worked for Muttart Lumber for many years where he operated big saws, sanders and planers. Mr. Schneider joined the University in 1963 as a Building Service Worker and was initially assigned to the Arts Building. During his 21 years on campus he has worked in numerous other buildings as well. Ten years ago he was promoted to a Maintenance Worker and throughout his career had an exemplary attendance record.

Alison Scott-Prelowitz

Professor Scott-Prelowitz studied at Oxford and Queen's Universities. She became Assistant Professor in the Department of Germanic Languages in 1959, received tenure in 1961, became Associate Professor in 1964, and a full Professor in 1971. Her main interests are German literature of the eighteenth century, especially the literature period of the German Enlightenment, Lessing, and the German novelle.

Wanda Seymour

Mrs. Seymour joined the staff in the Faculty of Dentistry in 1971 as a Dental Records Clerk in the Patient Management Division. She retired from the Division of Dental Hygiene as a Clerk Typist III. During her thirteen years of service, Mrs. Seymour was a loyal employee and maintained an excellent rapport with patients, staff and students. Mrs. Seymour volunteered her services for the 1977 Golden Jubilee Celebrations and has ushered at several Convocations.

Ambikeshwar Sharma

Dr. Sharma has been with the University since 1962, when he joined his fellow mathematicians on the Calgary campus. He came to Edmonton in 1964, and was named full Professor in 1966. He has had summer appointments at UCLA, the University of Chicago, and spent a year at the Mathematics Research Centre in Madison, Wisconsin. His love of travel has prompted him to travel extensively, touring and lecturing throughout the world and serving as a University of Alberta goodwill ambassador. He has over 120 research publications to his credit, and his specialty is approximation theory.

Shirley Sheppard

Mrs. Sheppard has retired with her husband to their dream home on Pi-

geon Lake after 23½ years of continuous service to the University. She has worked in the Faculty of Agriculture, the Registrar's Office, the Office of the Associate Vice-President (Academic Administration) and the Faculty of Nursing. She was committed to students and guided many in program planning and ensuring that degree requirements were met. Her efforts and expertise were greatly appreciated and we wish her all the best.

Jack Shoultz

Jack Shoultz joined the staff of Housing and Food Services in September 1976 as a Maintenance Worker II and was promoted to Painter three years later. Mr. Shoultz received his journeyman's ticket in 1961 and prior to coming on campus was Assistant Foreman with Carmichael Painters. He worked in the Edmonton and Rural Auxiliary Hospitals, where he also utilized his skills as a painter.

Sidney Smith

Mr. Smith became the University Fire Marshall in 1968, after having served with the Canadian Armed Forces in Canada, North West Europe, North Africa, Sicily and Italy. Mr. and Mrs. Smith have five children and just as many grandchildren, all living in Alberta. Being a train buff, both model and real, Mr. Smith says that he may take advantage of the Edmonton-Vancouver train service and his brand new senior citizen VIA rail card and get away from the cold Edmonton winters.

Donald Spearman

Dr. Spearman came from Montreal to the Department of Philosophy and Psychology in 1948. He has taught courses in clinical psychology, psychopathology, and personality theory. His special interests have been in assessment, interpretation, behavior theory and psychotherapy. Along with his departmental duties, Dr. Spearman has been the director of the Testing and Counselling Service, which is a training centre for graduate students in clinical psychology as well as a community mental health service offered by the Department of Psychology.

André Steiner

Dr. Steiner has gained international recognition for his meticulous studies of the ontogeny of stinging behavior in digger wasps. He has concentrated on

the "de-activating" effects of various venoms in prey species, and as a result of his research, this year he was awarded the Médaille Latreille on the occasion of the 150th anniversary of the Société Entomologique de France. He has also been involved in the making of an internationally-acclaimed film entitled "The Mason Wasps." Dr. Steiner joined the Department of Zoology in 1966 and became a full Professor in 1972.

W. Charlie Strong

Mr. Strong immigrated to Canada from England, coming to work on a farm near Edmonton. He later moved into the refrigeration trade and became a journeyman. In 1963 Mr. Strong joined the Physical Plant staff and worked as a refrigeration mechanic until 1966 when he transferred to the Central shop as a central fitter. Two years later he was promoted to Control Foreman, holding the position in Building Maintenance and later with Energy Management.

Justine Strynadka

Ms. Strynadka joined the University in 1961 and was an integral part of the Campus Development Office administration. She later joined the Design and Construction Office, and without her diligent service, the capital accounts would have been difficult to monitor. Her absence has been felt since her retirement, and we wish her all the best.

Grace Tannahill

Professor Tannahill has taught medical-surgical nursing and gerontological nursing for the twenty years that she has been with the University. She originally accepted an appointment as a sessional lecturer in 1964, and has been active in University affairs ever since. Her administrative responsibilities included the coordination of Undergraduate Student Affairs, and membership on the GFC Committee on Admissions and Transfer. She has also made an important contribution to the development of standards in nursing practice for geriatric nursing, a specialty which is of special interest to her.

Russell Taylor

Professor Taylor joined the Faculty of Medicine in 1966, and has taught at all levels: undergraduate, post-graduate, nursing and paramedical and he willingly and completely fulfilled

the demands of his Hippocratic Oath. His achievements include the founding of the Coronary Care Unit at University Hospital, the Cardiac Arrest Code team and instruction in CPR, Councillor for the Province with the Canadian Cardiovascular Society and Medical Examiner for the Civil Aviation Medical Board. Professor Taylor has been a great influence in the Department, the Faculty, and beyond.

Gordon Tucker

Mr. Tucker served in the RCAF prior to entering the plumbing trade in 1947. Seven years later he began his many years of dedicated service to the University's Works Department. In 1966, with the creation of Physical Plant, Mr. Tucker was appointed Projects Supervisor and he remained in this position until his retirement last April.

Hanna Tutschek

Hanna Tutschek joined the University Library in 1970 and her first position was Library Clerk I. Two years later she was promoted within the Circulation Services Office and at the time of her retirement had steadily moved up the ranks to the position of Library Assistant I. Mrs. Tutschek retired in December 1984 and according to her supervisor it was a loss to the Library system as she was well organized and competent in all of her tasks.

Gerard Vanderlinden

A native of the Netherlands, Mr. Vanderlinden worked at the Dominion Tanners in Edmonton following his arrival in Canada. He began his association with the University in 1972 and has worked in several campus buildings, including Fine Arts, Tory and Humanities. His retirement on 31 July 1984 has allowed him to spend more time jogging, swimming and travelling.

William Vandervlugt

Mr. Vandervlugt studied horticulture in his native Netherlands where he also held a position as foreman in a rubber factory prior to immigrating to Canada in 1954. Shortly after his arrival in this country he joined the Physical Plant staff as a Building Service Worker and has spent his 30 years in Building Services, with the exception of one year in the Grounds Maintenance Division. Mr. Vandervlugt never lost interest in horticulture and

one of his clients is the Southgate Shopping Centre, where all the plantings and flowers are the result of his handiwork.

Rahemtulla Virji

A native of Tanzania, Mr. Virji worked in Toronto before moving to Edmonton. He came to the University in 1981 and began work as a parking attendant where he attended the Z zone kiosk until his retirement in February 1985.

John Watson

Mr. Watson was born and raised in Stichen, Aberdeenshire, Scotland. He farmed for 20 years before emigrating to Canada and joining the staff at the University in 1960. As a poultryman and later supervisor of the Poultry Research Unit at the University Farm, Mr. Watson helped an endless string of students set up experiments and learn the proper use of farm machinery. Mr. Watson is married with five children, four of whom live in the Edmonton area.

Gwendoline Wilson

A native of Birtle, Manitoba, Mrs. Wilson began her University career in 1960 with the Department of Extension. Two years later she moved to the Faculty of Education and in 1971 joined the Sociology Department, where she was the Departmental Executive Secretary. Mrs. Wilson was known as a hardworking, resourceful, knowledgeable and personable employee.

Guenther Zillt

Mr. Zillt spent 22 years as a member of Technical Services' Machine Shop Division. He supervised the fabricating area of the Machine Shop and was a "craftsman" of his trade. Mr. Zillt has continued to live in Edmonton since his retirement on 15 February 1984, but has plans to move to the Okanagan region of British Columbia.

Karl Zoller

A native of West Germany, Mr. Zoller and his family came to Canada in 1957. Eight years later, Mr. Zoller joined the caretaking staff in Physical Plant, and in 1970 transferred to the Special Services Division where he became a mail carrier. Special Services became Scheduled Distribution in 1975, and Mr. Zoller remained with this Department until his retirement.

His absence has been felt and his friends and fellow workers wish him an enjoyable retirement.

Oleh Zujewskyj

A native of the Ukraine, Dr. Zujewskyj joined the University's Slavic and East European Studies Department in 1966. He has authored several books of original Ukrainian poetry and has translated into Ukrainian works of French and German poets. Dr. Zujewskyj's poetry is the subject of courses being taught at the Universities of Manitoba and Illinois.

Fred Zwickel

After receiving a BSc degree from Washington State University, Dr. Zwickel worked as a wildlife biologist for eleven years. He obtained his PhD from the University of British Columbia and joined the University's Zoology Department in 1967. He is best known for his research on the ecology of the blue grouse and related species. In addition, he has published on the biology of a wide variety of animals, including deer, pika, opossums, doves and lizards. An award-winning film, made in collaboration with a former student, on "Population Studies of Blue Grouse" is a valued teaching aid in the Department.

The Fittest University in the Land

Fitness in the workplace is a priority for Otto Jelinek, Minister for Fitness and Amateur Sport, and one of his main preoccupations is encouraging the establishment of employee fitness programs.

Our University has been ahead of the game since 1977, when staff fitness programs, ranging from T'ai Chi to the triathlon, became a regular part of the campus scene. This accomplishment was recognized recently at an awards banquet in Oakville, Ontario, organized by Fitness Canada

and the Canadian Chamber of Commerce.

Art Burgess, attending on behalf of Myer Horowitz, brought back the news that not only were we the only Alberta institution to be honored, but we were the only university in the country to win one of the awards. To keep up the good work, Dr. Horowitz, himself a fitness enthusiast, extends a warm invitation to join him in fitness class on Mondays, Wednesdays and Fridays at 6.45 a.m. in the Physical Education Building. □

Festival of India Comes to Town

The Shastri Indo-Canadian Institute is helping to bring Kathakali, India's folklore mime theatre, to the Jubilee Auditorium for a single performance on Saturday, 15 June, at 7 p.m. Instrumental music by Pundit Ravi Shankar's Disciples, on guitar, santoor, shehnai and tabla, will also be a feature of the program.

Kathakali, meaning "storyplay", is an evolved form of Indian folk theatre that, in developing a style of its own, has drawn discriminatingly on traditional mime techniques and on the stylized vocabulary of movement of Kutiyattam tradition as well as on the martial arts of ritual drama. The actors neither sing nor recite, and music is provided by a separate group. In the 200 or more years of Kathakali's history, traditional make-up techniques

have been refined and elaborated and a system of color symbolism has been established. Plays and music have been specially written for this theatre form and an elaborate kinetic training system has been developed.

This is a rare opportunity to see the Kerala Kalamandalam Kathakali Troupe, who recently performed in Washington, D.C., at the inauguration of the Festival of India before Prime Minister Gandhi and President Reagan.

Tickets are available at most East Indian groceries and from community associations. For more information call the Council of India, 468-5337, 1 to 5 p.m., Sharma Padmanabhan, 463-0013, or Regula Qureshi, 432-3908. □

Early Retirement Incentive Program

The following statement has been received from the Office of the Vice-President (Academic). For clarification of its contents, or to take advantage of the options presented here, please contact Gordon Unger, Executive Secretary of the AASUA (432-5321), or Brian McDonald, Associate Vice-President (Academic Administration) (432-4955).

The 1985-86 salary/benefit package has now been ratified by both the Board of Governors and the AASUA and will take effect from 1 July 1985. An integral part of the settlement is an early retirement incentive program under which a staff member can choose one of the following:

Program 1: Early retirement followed by post-retirement, part-time employment; or

Program 2: Leave without pay from a portion of duties, immediately followed by retirement.

Program 1

18.03.1

A staff member who takes early retirement under Clause 18.02 prior to 1 July 1988 (or 31 August 1988 for those staff members whose effective appointment date was prior to 1 July 1966) and who wishes post-retirement, part-time employment at the University immediately following such retirement is entitled to such employment on the following basis:

Employment Option 1: Salary/

Workload: 50 percent of full-time.

Period of employment: 2 years.

Maximum age at beginning of post-retirement employment: 63.

Employment Option 2: Salary/

Workload: 33 1/3 percent of full-time.

Period of employment: 3 years.

Maximum age at beginning of post-retirement employment: 62.

Employment Option 3: Salary/

Workload: 25 percent of full-time.

Period of employment: 4 years.

Maximum age at beginning of post-retirement employment: 61.

18.03.2

During the post-retirement employment referred to in 18.03.1, the person is eligible to participate in the University's Bridge Benefits Program, in the regular Remission of Tuition Fees program (Clause 7.05.10), in the regular Sickness provisions (but on the reduced salary basis) (Article 20), and in the Professional Expense Allowance

(PEA) program (Clause 7.05.8), the latter on the following basis:

PEA Annual Maximum: Employment Option 1: 100 percent full-time level. Employment Option 2: 66 2/3 percent of full-time level. Employment Option 3: 50 percent of full-time level.

Program 2

26.02.1

A staff member who wishes to take leave without pay from a portion of duties, who agrees to retire immediately thereafter, and who begins the leave no later than 1 July 1988, shall be granted such leave on the following basis:

Leave Option 1: Leave basis: Leave without pay from 50 percent of duties. Maximum period of leave: 2 years. Minimum age at beginning of leave: 63.

Leave Option 2: Leave basis: Leave without pay from 66 2/3 percent of duties. Maximum period of leave: 3 years. Minimum age at beginning of leave: 62.

Leave Option 3: Leave basis: Leave without pay from 25 percent of duties. Maximum period of leave: 4 years. Minimum age at beginning of leave: 61.

26.02.2

During the leave period, the staff member is eligible to participate in full in the benefit programs listed in this Agreement in Clauses 7.05.3, 7.05.4, 7.05.5, 7.05.6, 7.05.7 and 7.05.10, with the Board paying the premium cost of such participation. Subject to the provisions of the *Universities Academic Pension Act*, the staff member may choose to establish the leave period, or a portion thereof, as pensionable service under the *Act* and, if so, the Board will make the employer contributions thereon. The staff member is eligible to participate in the Professional Expense Allowance (PEA) program (Clause 7.05.8 of the Agreement) on the following basis:

PEA Annual Maximum: Leave option 1: 100 percent full-time level. Leave Option 2: 66 2/3 percent of full-time level. Leave Option 3: 50 percent of full-time level. □

people

Brandon Konoval, a second-year Music student and **Judith Hawking**, a fourth-year graduate student of Drama, are the recipients of \$500 scholarships offered by the Seven Arts Club of Edmonton. The scholarships, based on achievement, attracted 21 applications from students of the arts in the greater Edmonton area. The winners will receive their awards on 23 June at the Devonian Botanic Garden.

Karol Krotki and **Jay Jayachandran** (Sociology) presented a paper entitled "Ageing 'at the top' and ageing 'at the bottom' in Canada" to a joint session of the Canadian Sociology and Anthropology Association and the Canadian Population Society in Montreal. Dr. Krotki also co-authored a paper presented to another joint session "Cohabitation au Canada: faits et opinions."

K.T. Holden, **A. Hornjatkevyc**, **O. Ilnytzkyj**, **T.M.S. Priestly**, **N. Pylypiuk**, **P.A. Rolland**, and **Y. Slavutych** recently presented papers at panels of the Canadian Association of Slavists which was held in Montreal as part of the Learned Societies' Meeting. All are members of the Department of Slavic and East European Studies. Also, **R. Hanchuk**, **B. Medwidsky** and **A. Sochan** gave papers at panels of the Folklore Studies Association of Canada which was part of the same conference.

Forty-eight staff members, graduate students and senior technicians of the Muttart Diabetes Research and Training Centre and the Julia McFarlane Diabetes Research Unit from the University of Calgary met 1 June in Red Deer for a Diabetes Research Workshop. Speakers from the University of Alberta were: **M.A. Jaworski** (Paediatrics), **R.V. Rajotte** (Medicine, Surgery and Applied Sciences in Medicine), **B. Singh** (Immunology), and **A.B.R. Thomson** (Gastroenterology). Organizers of the event were **G.D. Molnar** of the Muttart Diabetes Research and Training Center, and **D. Roncari**, Director of the Julia McFarlane Diabetes Research Unit. □

The Campus in Full Bloom

The beginning of June is bedding out time across campus and last week Wayne McCutcheon's crew was out planting geraniums, marigolds, petunias, impatiens, lobelia, asters and dusty miller (to name only some), all raised in the University greenhouse, now in its flourishing second season.

A new idea this year is the raised bed, south of Home Economics, where a stylized University crest has been planted in silver-gray santolina and a variety of alternantheras which come in green-and-gold, crimson-red and pink-red. This kind of arrangement is called carpet bedding and needs plants that like to be clipped, said grounds manager McCutcheon, and it takes expertise to do the regular clipping needed to keep it neat.

"I did a lot of carpet planting when I was training at the Niagara Parks School of Horticulture," said Mr. McCutcheon, who has been with us since 1981. "It took a year to decide where to put the bed because we wanted to have a prominent location. We will have the shape of the crest, the mountains and possibly the book, but we won't do the sheaves of wheat. We layed out the design on paper and one of my foremen designed what is going into it. We didn't want to get too large because that becomes a maintenance headache. We just wanted to try something different."

Something else a little different that you can see in campus flower beds is ornamental kale and castor plants. The kale, which looks like a broccoli/purple-cabbage hybrid, has the advantage of keeping its color right up to the first frost, and even afterwards if the frost is light. The castor has an insignificant flower (although it produces the castor bean and thence castor oil), but its extravagant, maple-like leaves, already as big as soup plates and towering over neighboring plants, turn a rich shade of bronze as the weather cools.

A crew of students, coordinated by a chargehand, does the planting out. The beds at University House are filled first, to be neat and ready for functions. "After that," Mr. McCutcheon said, "we plant out all of one kind, and then all the next kind. About 3,000 geraniums will go in. We hope to get all the planting done in a week, providing mother nature cooper-

ates. This year we are also trying out a few hanging baskets at University House and on the light standards at the entrance to the Faculty Club."

For horticultural purposes, campus is divided into 15 areas, with one permanent employee and one student to an area. The team weeds ("We pull

out the tall ones, leave the small ones"), picks off dead heads, waters and picks up garbage.

The campus is beautiful this time of year, thanks to the Grounds Division of Physical Plant. Why not take a few minutes at lunch time to wander around and enjoy. □

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

and water colors from books and portfolios. B-7, South Rutherford.

Radio and Television

Radio

CJSR-FM, 88.5, Campus Radio. Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

Theatre

Sub Theatre

13 June, 6 and 8 p.m. "Children's Variety Show." Tickets are \$7 for adults and \$5 for children and seniors and are available at the door.
15 June, 7 p.m. "Stars of Tomorrow." Darlene's School of Dance end of year recital. Tickets \$8 available at the door or the studio, 8314-118 Avenue, 2nd floor.

Studio Theatre

Until 15 June. "Whiskey Six," a play by Sharon Pollock. Tickets available at the Studio Theatre Box Office, 3-146 Fine Arts Centre. Tickets are \$4 and \$5. Information can be obtained by phoning 432-2495.
21 June to 29 June, 8 p.m. nightly and 2 p.m. on 23 June "Brigadoon" presented by The Ensemble for Lyrical Operetta Productions. Tickets available at all BASS outlets.

Matters of Faith

Catholic Campus Ministry

St. Joseph's College Summer Mass Schedule Until 1 September, Monday, Wednesday, Friday - 7:30 a.m., 12:10 p.m.; Tuesday and Thursday - 7:30 a.m., 12:30 p.m.; Saturday - 12:10 p.m., 4:30 p.m.; Sunday, 9:30 and 11 a.m.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing (Prerequisite)
MTS Overview (Prerequisite)

Coming Events

Lectures and Seminars

Anatomy

17 June, 12 noon Lynne M. Wyley, University of California—Davis, "Cell Polarity in Early Mouse Embryos." 6-28 Medical Sciences Building. Sponsored by the Alberta Heritage Foundation for Medical Research.

Ring House Gallery

17 June, 2:30 p.m. Olive P. Dickason (History), "A Historical Reconstruction for the Northwestern Plains." 1-05 Business Building.

18 June, 7:30 p.m. John Hillerud, Paleontologist, Northern Alberta Institute of Technology, a slide presentation on Prehistoric Buffalo. 1-05 Faculty of Business Building.

2 July, 7:30 p.m. W.A. Fuller, Department of Zoology, a slide presentation on Wood Buffalo Park. W-2 H.M. Tory Building.

Student Legal Services

20 June, 7 to 9 p.m. Real Estate Seminar. Discussions on conveyancing, mortgages, foreclosures and Alberta Mortgage and Housing Corporation subsidies. 237 Law Centre.

Exhibitions

Edmonton Art Gallery

Until 7 July, 8 p.m. to 10:30 p.m. "Frankenthaler: Works on Paper, 1984-85 Canadian Premier."

Bruce Peel Special Collections Library

Until 30 August. W.J. Phillips: English technique, Canadian mastery. 18 woodcuts in black and white

Fitness and Lifestyle

Beginning 2 July, the classes will run twice a week for five weeks. For further information, call Faculty of Extension, 432-2015.

From Fat to Fit, Monday and Wednesday, 5:15 to 6:45 p.m.

Co-ed Aerobic Fitness, Tuesday and Thursday, 5:15 to 6:45 p.m.

Co-ed Fitness (Moderate), Tuesday and Thursday, 6:15 to 7:45 p.m.

Fitness in Moderation, Monday and Wednesday, 7 to 8:30 p.m.

Aerobic Fitness for Women, Tuesday and Thursday, 7 to 8:30 p.m.

Shape Up After Pregnancy, Tuesday and Thursday, 10 to 11:30 a.m.

Fitness During Pregnancy, Tuesday and Thursday, 5:30 to 6:45 p.m.

Fitness During Pregnancy, Monday and Wednesday, 7 to 8:15 p.m.

Fitness for Unfits, Monday and Wednesday, 5:15 to 6:15 p.m.

Fitness Over 40, Monday and Wednesday, 4:30 to 6:00 p.m.

Rush Hour Workout, Monday and Wednesday, 4:30 to 5:30 p.m.

Fitness for Men, Monday and Wednesday, 7 to 8:30 p.m.

T'ai Chi, Tuesday and Thursday, 7:30 to 9:30 p.m.

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)

Advanced SPIRES

Graphics

Integrated Graphics Overview (IG)

Statistics

Data Preparation for Statistical Packages (Prerequisite)

Introduction to SPSSx

Introduction to MIDAS

Microcomputers

Introduction to the IBM PC

Introduction to the Personal Editor

Introduction to MultiMate

Advanced MultiMate

Introduction to Microcomputers

Introduction to MicroSoft FORTRAN

Introduction to Macintosh

The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.

Advanced Text Formatting

Introduction to Plotting

Introduction to Programming

Introduction to Typesetting

Introduction to APL

Introduction to Tell-A-Graf

Introduction to BMDP

Introduction to MINITAB

Introduction to TROLL

For more information on any of the courses listed above, telephone the Training Coordinator at 432-2511, between 8 a.m. and 4 p.m., weekdays

Faculty of Extension

Certificate Programmes

For further information on the programs listed below, telephone 432-5545 or 432-3027 between 8:30 a.m. and 4:30 p.m., Monday to Friday

Management Development

Personnel Administration

Computers and Business Data Processing

Industrial Security Management

Purchasing Management Development

Applied Land Use Planning Certificate Programme

Public Administration Certificate (432-5052)

Citation Programme

For further information on the following programmes, telephone the number(s) listed behind the course.

Executive Development Programme for Women (432-5545 or 432-3027)

Supervisory Development Programme (432-5066)

Land Use Planning Studies

For further information on the following courses, telephone 432-2912.

Plans and Processes

Survey and Analysis (Field Trip)

Industrial Courses

For further information on the course listed below, telephone 432-2912.

Maintenance Management

PLATO Learning Centre

"Computer-Taught" courses can be taken any time at your convenience. For further information on this unique way of learning, telephone 432-2444. Introduction—Keyboarding, Word Processing Excellence in Administrative Assistant/Secretarial Work

Introduction—Computers, Data Processing

Introduction to Programming—BASIC, PASCAL, FORTRAN

Time—Resource, Financial or Planning Management

Devonian Botanic Garden

For a detailed brochure and registration form, telephone 987-3054.

Suitable Conifers for the Alberta Landscape

Notices

Report Fires at Once

During the last few months, small fires have occurred on campus but have not been immediately reported to the Physical Plant Control Centre at 5555. Although these fires are usually extinguished locally and cause minimal damage, it is essential that they be reported for follow-up investigation. Investigation of a recently unreported fire has revealed a malfunction with a Sequencing Gel Electrophoresis Apparatus. Any departments that use this type of equipment are asked to call Ray Richards, Fire Protection Officer at 5614 for additional information.

Jim Bateman to Retire

Jim Bateman, Special Arrangements Co-ordinator, Schedules Division (Examinations and Time-tableing), Office of the Registrar, is retiring in June, after 27 years with the University of Alberta.

A dinner is being held in his honor for guests and escorts in the Saskatchewan Room of the Faculty Club at 6 p.m. on 20 June. Anyone wishing to

attend this dinner and/or make a contribution to the gift is asked to contact Anne Tory at the Registrar's Office, 432-4597. A cash bar will precede the dinner from 4 to 6 p.m.

Shirley Meyer to Retire

Shirley Meyer, Office Manager of the Library Administrative Centre, is retiring from the University Library at the end of June after 39 years of service with the University.

A reception to honor Mrs. Meyer will be held in University House on Wednesday, 26 June, from 3 to 5:30 p.m. All of her friends and colleagues are invited to attend.

Anyone wishing to contribute toward a retirement gift should send a cheque made out to "Shirley Meyer Retirement Fund" to Mrs. M. Sherban, Accounting Department, Cameron Library.

Informal Reception for Lorne Leitch

Lorne Leitch, Vice-President (Finance and Administration), is stepping down from that position on 30 June to prepare for his return to the Faculty of Business. An informal reception to honor Mr. Leitch and his wife, Kathie, will be held on Friday, 12 July, from 3:30 to 6 p.m. at University House.

All members of staff and friends and acquaintances of Mr. and Mrs. Leitch are invited to attend the reception.

Persons wishing to make donations toward a farewell gift for the couple are invited to send cheques payable to the "Lorne Leitch Farewell Fund," care of Mrs. June Butt, 3-12 University Hall, prior to 5 July.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Social Work Librarian

The University Library invites applications for the position of Social Work Librarian, Humanities and Social Sciences Library. Reporting to the Coordinators for Reference and Collections, this position provides reference and information services for all subjects covered by the Humanities and Social Sciences Library, with particular emphasis on Social Work, and is responsible for the development of an undergraduate social work collection. Other duties include computer searching, liaison with faculty and bibliographic instruction.

This is a part-time term position for the period 1 September, 1985 to 30 June, 1986. The position will be reviewed for renewal annually. The successful applicant will have a degree in Library Science as well as a background in the social or behavioral sciences. The anticipated date of appointment is 1 September 1985.

Applicants should send curriculum vitae and the names of three references to John Teskey, Library Personnel Officer, Cameron Library.

Sessional Lab Coordinator

The Department of Soil Science invites application for the position of Laboratory Coordinator for its undergraduate teaching labs.

Duties include responsibility for organization and conduct of the undergraduate labs and will involve marking and grading of lecture and laboratory assignments. The position will be full-time from September through April and requires some-

one with a Soil Science degree. Salary will be commensurate with qualifications and experience.

Applications, including a curriculum vitae and the names of three referees, should be submitted to M. Delane, Administrative Officer, Department of Soil Science, 438 Earth Sciences Building.

Academic Vice-President—Red Deer College

Red Deer College has an opening for a Vice-President (Academic), a position that reports directly to the President. The Academic Vice-President is responsible for the management of all credit programs, a staff of 175 full-time and sessional faculty and 70 part-time faculty, and provides leadership in program and staff development. The incumbent is a member of several college and provincial committees and is responsible for establishing and maintaining liaison with other colleges and community groups.

Qualifications: Previous academic leadership and administrative experience are preferred. Applicants should possess an appropriate post-graduate degree, preferably at the doctorate level. **Salary Range:** \$55,000-\$70,000 with a generous program of professional development and other benefits. **Starting Date:** On or before 1 September 1985. Competition closes 21 June 1985. Please send curriculum vitae, including a list of references to: Dr E.J. Luterbach, Red Deer College, Box 5005, Red Deer, Alberta T4N 5H5

Director, Boreal Institute for Northern Studies

Applications are invited for the position of Director, Boreal Institute for Northern Studies. Applicants should be recognized active scholars in Arctic or sub-Arctic research. Preference will be given to applicants with extensive northern experience and experience in interdisciplinary programs. Exposure to international programs, and to governmental, private enterprise and native groups will be an asset. The Director is expected to spend about half his/her time as leader of a multidisciplinary institute supporting and coordinating northern research and academic programs. The other half of the Director's time is to be spent in a teaching department in the University of Alberta.

Secondment arrangements from another university, government or industry will be considered. The appointment is for a period of up to five years, starting as early in 1986 as possible. Salary: negotiable according to experience.

Applications and names of at least three references should be sent to: Dr. Baha Abu-Laban, Associate Vice-President (Research), 3-3 University Hall, University of Alberta, Edmonton, Alberta, Canada T6G 2J9. Closing date for applications: 30 September, 1985.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 7 June 1985.

Admissions Records Clerk (\$1,294-\$1,625) Registrar's Office

Clerk Steno III (Trust/Term) (\$1,326-\$1,666) Agriculture & Forestry

Clerk Steno III (Trust) (\$1,326-\$1,666) Health Services Administration and Community Medicine

Medical Stenographer (\$1,442-\$1,842) Medicine Secretary (\$1,442-\$1,842) Business

Systems Control Clerk II (Term) (\$1,478-\$1,888)
Provincial Laboratory
Departmental/Executive Secretary
(\$1,625-\$2,092) Personnel Services and Staff
Relations
Animal Assistant I (\$1,161-\$1,442) Provincial
Laboratory
Building Services Worker II (\$1,294-\$1,625)
Housing and Food Services
Technician I (\$1,497-\$1,920) Computing Services
Technician II/Technologist I (Trust)
(\$1,739-\$2,437) Medical Microbiology
Technologist I (Part-time) (\$849-\$1,091) Anthro-
pology
Technologist I (Part-time-Recurring Term)
(\$849-\$1,091) Anthropology
Biology Technologist I (Trust) (\$1,888-\$2,437)
Genetics
Biochemistry Technologist II (Trust)
(1,888-\$2,437) Genetics
Pharmacist (Part-time) (\$802-\$1,038) University
Health Services
Technologist III (\$2,237-\$2,905) Computing Sci-
ence Programmer Analyst II (\$2,182-\$2,710)
Zoology
Programmer Analyst III (\$2,596-\$3,390)
Computing Science

For vacant Library positions, please contact the Li-
brary Personnel Office, Basement, Cameron Li-
brary. Telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on
the Thursday prior to publication date which date
also serves as the deadline for cancellation of ad-
vertisements. The cost of placing advertisements is
30 cents per word with no discount for subsequent
insertions. There is a maximum limit of 30 words
and a minimum charge of \$1.50. Contributors' cor-
rections will be assessed at \$1.50 for each line in
which an insertion is made. Advertisements cannot

be accepted over the telephone. All advertisements
must be paid for in full at the time of their sub-
mission.

Accommodations available

Rent - Two-bedroom, California bungalow, fur-
nished, one block from campus. Ground floor
only. Reasonable rent. Available 1 September
1985. Phone 434-2911.
Rent - Sabbatical: Comfortable, older, renovated,
three-bedroom home. Near campus; fireplace.
\$650. 439-6408.
Rent - Three-bedroom house, available first week
of July. Unfurnished, four appliances, walking
distance University. 434-7328, Zenith 22273.
Sale - By owner. Three-bedroom, new house.
1,750', near University. Bow window, fireplace,
large garage. 10732 75 Ave. \$109,000. Large
mortgage 10 1/2%, five years. 455-0219.
For sale - Attractive bungalow, by owner. 11013 84
Ave. Great location. Must be seen to be appre-
ciated. Phone 433-5107 for further details.
Rent - 11240 77 Ave. Three-bedroom house.
\$775/month. Available 21 June. Married couple.
No pets. 436-7248.
Sale - By owner. Three-bedroom bungalow. Two
years old, close to Heritage Mall, (1,000'). Fully
landscaped. Call 434-1663 or 438-4289.
For rent - Two bedrooms, basement suite, Univer-
sity Avenue. \$300, references. Phone 439-9733
after 4 p.m.
Rent - House, \$460/month. Two bedrooms and
basement suite. Near University. 488-8940.
Rent - New, two-bedroom apartment, \$575/month,
three appliances, close to University, available 1
July. 433-4973, 432-3239, Carmen.
Sale - Belgravia. Bright bungalow. Large lot. Two
garages. Quiet location. Chris Tenove, 433-5664,
436-5250. Spencer's.
Sale - Southgate. Duplex. Three bedrooms, garage.
Only \$54,900. Chris Tenove, 433-5664,
436-5250. Spencer's.
Sale - Residential lots. Some ravine. One acre plus,
within city limits. Chris Tenove, 433-5664,
436-5250. Spencer's.

Sale - Parkallen sacrifice. Spacious, 1,300 sq. ft.,
family home in quiet cul de sac, walk to Univer-
sity. \$74,900. Ask for Joyce Byrne, 435-6064,
436-5250. Spencer's.
For rent - Garneau area. Furnished, two-bedroom
condo. Available immediately until September.
Five appliances, fully carpeted, underground
parking, air conditioned. All utilities except
phone. \$600 per month. Call 1-349-3169 (col-
lect).

Goods for sale

New Royal typewriters, \$300 and up. Used IBMs
when available. Mark 9, HUB Mall. 432-7936
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What's Happening with Computers on Campus

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